MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION
Name: Aerocel - EPDM Closed Cell Elastomeric Thermal Insulation.

II. CHEMICAL NAME
Ethylene - Propylene - Terpolymer Rubber blended compound

III. PRODUCT CONTENT
This product is classified as an “article” according to title 29 of the Code of Federal Regulations, OSHA Part 1910. 1200c. They are formed to a specific shape or design during manufacture, have end use functions dependent upon their shape and design, and does not release any hazardous chemical under normal conditions of use.

IV. COMPOSITION / INFORMATION ON INGREDIENTS
<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Formal Name</th>
<th>CAS No.</th>
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</thead>
<tbody>
<tr>
<td>Ethylene-Propylene-Terpolymer Rubber</td>
<td>Carbon Black</td>
<td>1333-86-4</td>
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<tr>
<td>Alumina Trihydrate/Aluminum Hydroxide</td>
<td>Furnace Black</td>
<td>21645-51-2</td>
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<tr>
<td>Water Vapor Permeability: 0.03 Perm-inch (4.38x10^-14 Kg/Pa s m)</td>
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<tr>
<td>Water Absorption (%by weight): 5% by weight</td>
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<tr>
<td>Compression Set: Excellent</td>
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<tr>
<td>Flammability: Self-extinguishing</td>
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V. HAZARD IDENTIFICATION (Health Hazards)
Inhalation: No significant signs of any adverse health hazards are expected to occur as a result of inhalation exposure.
Eye Contact: No significant signs of any adverse health hazards are expected to occur as a result of eye contact
Skin Contact: No significant signs of any adverse health hazards are expected to occur as a result of skin contact
Ingestion: Practically non-toxic

VI. FIRST AID MEASURES
Inhalation: Not required under normal use. If irritation persists, remove from exposed area
Eye Contact: Not required under normal use. Flush with water until all traces of this material are gone. Seek medical attention if irritation persists.
Skin Contact: Not required under normal use.

VII. FIRE FIGHTING MEASURES
Extinguishing Media: Carbon Dioxide, ABC dry chemical, water spray and foam. Specific hazards with regard to fire fighting measures: Approach from upwind side. Avoid breathing smoke, fumes or vapors on downwind side. Firefighters wear protective clothing, especially eye protection and self contained breathing apparatus.

Hazardous Combustion Products:
May generate Carbon Monoxide, Carbon Dioxide, low molecular weight alcohols, aldehydes and acids.

VIII. ACCIDENTAL RELEASE MEASURES
Steps if materials released/spilled:
Land spill: Collect spilled material and place in an appropriate container for reuse or disposal
Water spill: Product is insoluble. Collect spilled material and place in an appropriate container for reuse or disposal
Neutralizing Agent: N/A

IX. HANDLING AND STORAGE
Handling condition: No special precaution required
Storage condition: Keep in a dry normal storage.

X. EXPOSURE CONTROL/PERSONAL PROTECTION
Engineering Controls: General ventilation
Personal Protection: N/A

XI. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Expended Rubber Foam
Specific Gravity (H2O=1): 0.04-0.09
Service Temperature (°C): -57°C to +125°C (-70°F to +257°F)
Thermal Conductivity (W/mK): 0.035 (0.245 Btu in/ft² hr °F) at 24°C (75°F)
Water Vapor Permeability: 0.03 Perm-inch (4.38x10^-14 Kg/Pa s m)
Water Absorption (%by weight): 5% by weight
Compression Set: Excellent
Flammability: Self-extinguishing

XII. STABILITY AND REACTIVITY
Conditions to avoid: N/A
Hazardous Polymerization: Will not occur.

XIII. TOXICOLOGICAL INFORMATION
No Data.

XIV. ECOLOGICAL INFORMATION
No Data.

XV. DISPOSAL CONSIDERATION
Waste material may be disposed of in an approved landfill or may be incinerated under conditions which meet federal, State and Local environmental regulation.

XVI. TRANSPORT INFORMATION
No Specific precautions required.

XVII. REGULATORY INFORMATION
No Data.

XVIII. OTHER INFORMATION
The information supplied herein is related to material specified and may not be valid if used in combination with other material or process. Further, the information contained here is believed to reliable and based on correct state of our knowledge. However no guarantees of any kind can be given as to its accuracy.